

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Sing-Wang CHENG, et al.

Serial No.: 09/373,605

Group Art Unit: 3743

Filed: August 13, 1999

Examiner: C. Atkinson

For: HEAT TEMPERATURE RAISING SYSTEM

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FEB 21 2003

TECHNOLOGY CENTER R3700

THE COMMISSIONER FOR PATENTS AND TRADEMARKS  
Washington, DC 20231

Dear Sir:

Transmitted herewith is an Amendment in the above identified application.

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☐  
☐

No additional fee is required.

Applicant is entitled to small entity status under 37 CFR 1.27

Also attached:

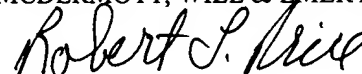
The fee has been calculated as shown below:

|                                 | NO. OF<br>CLAIMS | HIGHEST<br>PREVIOUSLY<br>PAID FOR | EXTRA<br>CLAIMS | RATE      | FEE    |
|---------------------------------|------------------|-----------------------------------|-----------------|-----------|--------|
| Total Claims                    | 51               | 54                                | 0               | \$18.00 = | \$0.00 |
| Independent Claims              | 7                | 11                                | 0               | \$84.00 = | \$0.00 |
| Multiple claims newly presented |                  |                                   |                 |           | \$0.00 |
| Fee for extension of time       |                  |                                   |                 |           | \$0.00 |
| Total of Above Calculations     |                  |                                   |                 |           | \$0.00 |

- ☐ Please charge my Deposit Account No. 500417 in the amount of \$0.00. An additional copy of this transmittal sheet is submitted herewith.
- ☒ The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 500417, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

MCDERMOTT, WILL &amp; EMERY



Robert L. Price

Registration No. 22,685

600 13<sup>th</sup> Street, N.W.  
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Date: July 25, 2002

Hand Carried - 6/12/02

Docket No.: 52321-012

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Sing-Wang CHENG, et al.

Serial No.: 09/373,605

Group Art Unit: 3743

Filed: August 13, 1999

Examiner: C. Atkinson

For: HEAT TEMPERATURE RAISING SYSTEM

**RESPONSE TO FINAL REJECTION**

Commissioner for Patents  
Washington, DC 20231

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TECHNOLOGY CENTER R3700

Sir:

Applicants acknowledge receipt of a final rejection dated May 20, 2002 in this application. The Examiner states that the rejection is being made final on the ground that this is a continuation of Applicants' earlier application and all claims are drawn to the same invention.

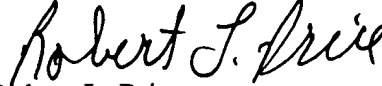
It is submitted, however, that this final rejection should not have been issued at this time. The Examiner's attention is directed to the fact that the request for the continuing prosecution application included a request for a suspension of action for a period of three months under 37 CFR 1.1.03(c). This request has apparently been overlooked and not properly acted upon. Accordingly, the final rejection should not have issued at this time. It is requested that the Applicants' request for a suspension of action be honored and this final rejection withdrawn since the purpose of the request for suspension was to file an additional response.

This will also confirm a telephone conversation with the Examiner on June 5, 2002, advising the Examiner of the filing of this paper and the fact that the request for the three month suspension of action had been overlooked.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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**Date: June 5, 2002**

Docket No.: 52321-012

*Duplicate*  
PATENT

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In re Application of

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Examiner: C. Atkinson

SUPPLEMENTAL AMENDMENT

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Commissioner for Patents  
Washington, D.C. 20231

FEB 21 2003  
TECHNOLOGY CENTER R3700

Sir:

Further to the CPA filed in this application on April 30, 2002, and the request for a three (3) month suspension of Action, please amend the above-identified patent application as follows.

IN THE CLAIMS:

Please amend claims 53, 54, 55, 56, 57, 58 and 61, delete claim 59, and add new claims 66-76.

53. (Amended) A method for transferring heat from a heat source to a heat sink, comprising the steps of:

- (a) providing a heat source comprising a material having a temperature  $T_L$ ;
- (b) providing a heat sink comprising a material having a temperature  $T_H$  wherein temperature  $T_H$  is higher than temperature  $T_L$ ;